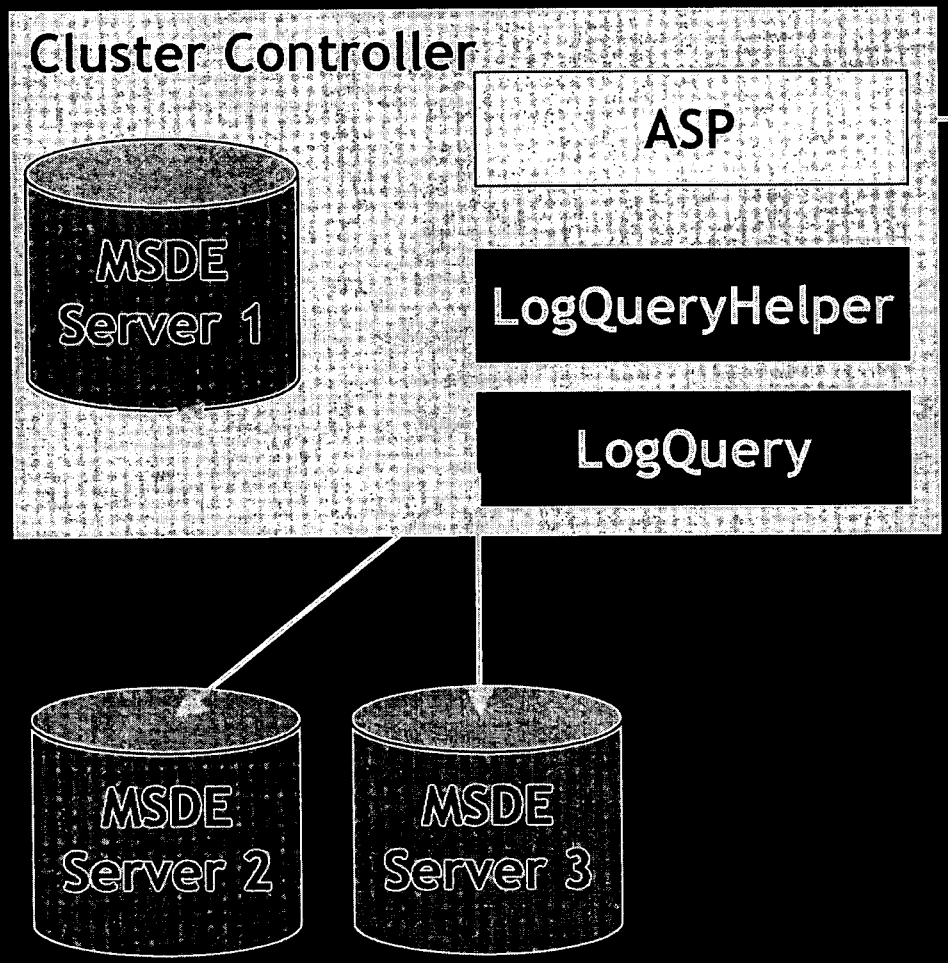
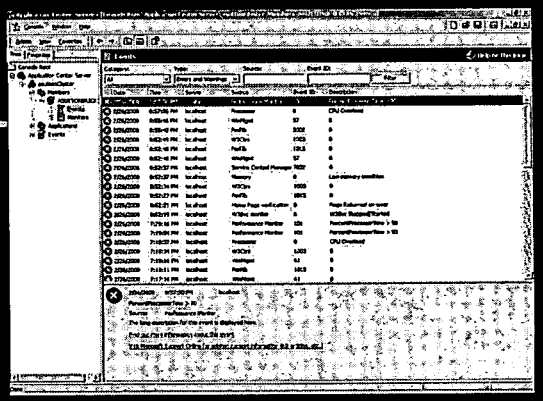
Distributed Query Architecture





1. Parse Query
2. Run Query
3. Aggregate and Format Results
4. Return to UI

EXHIBIT B

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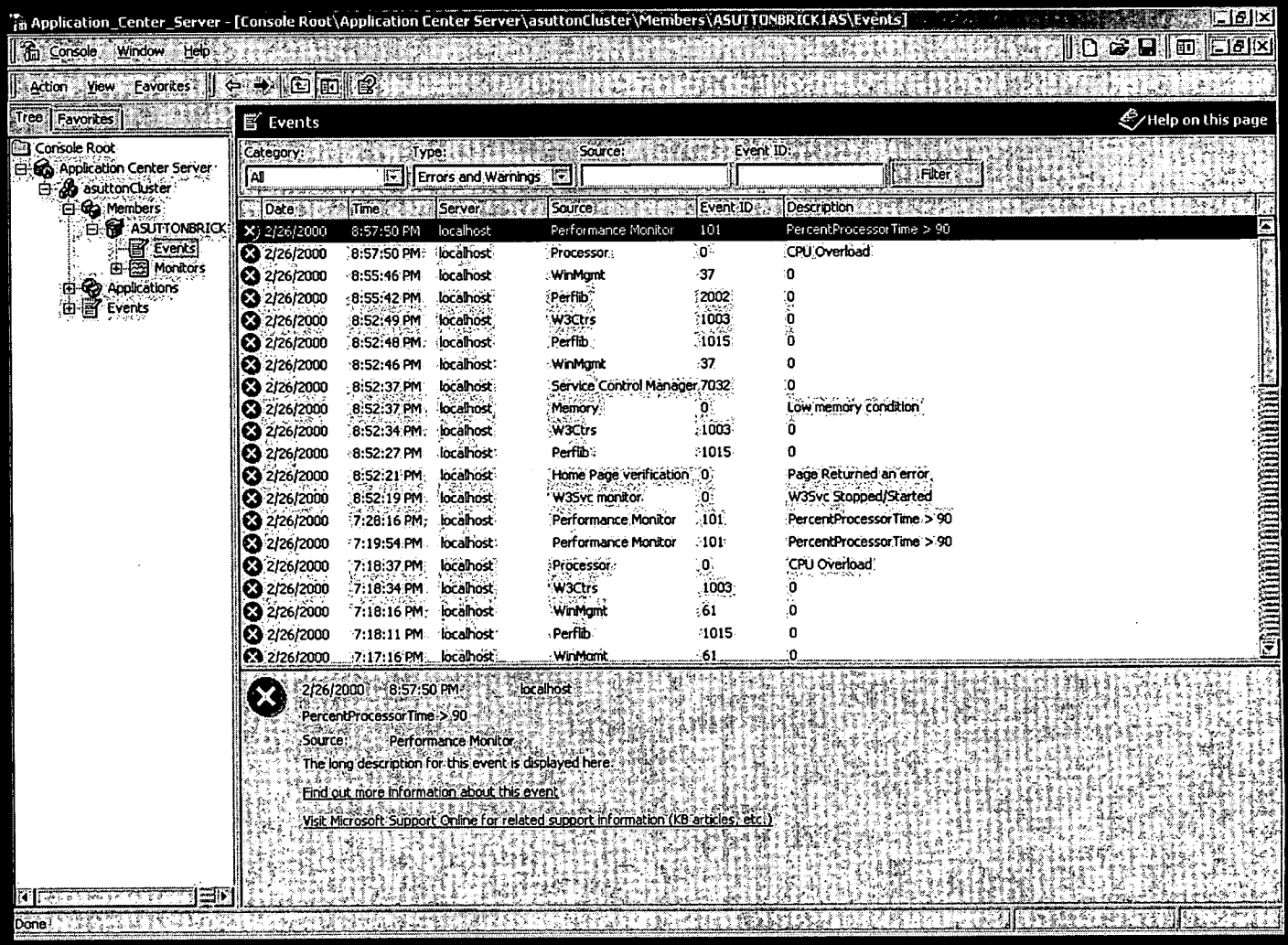
Eventing > Logging > Monitoring

Event Viewer



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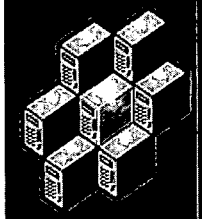
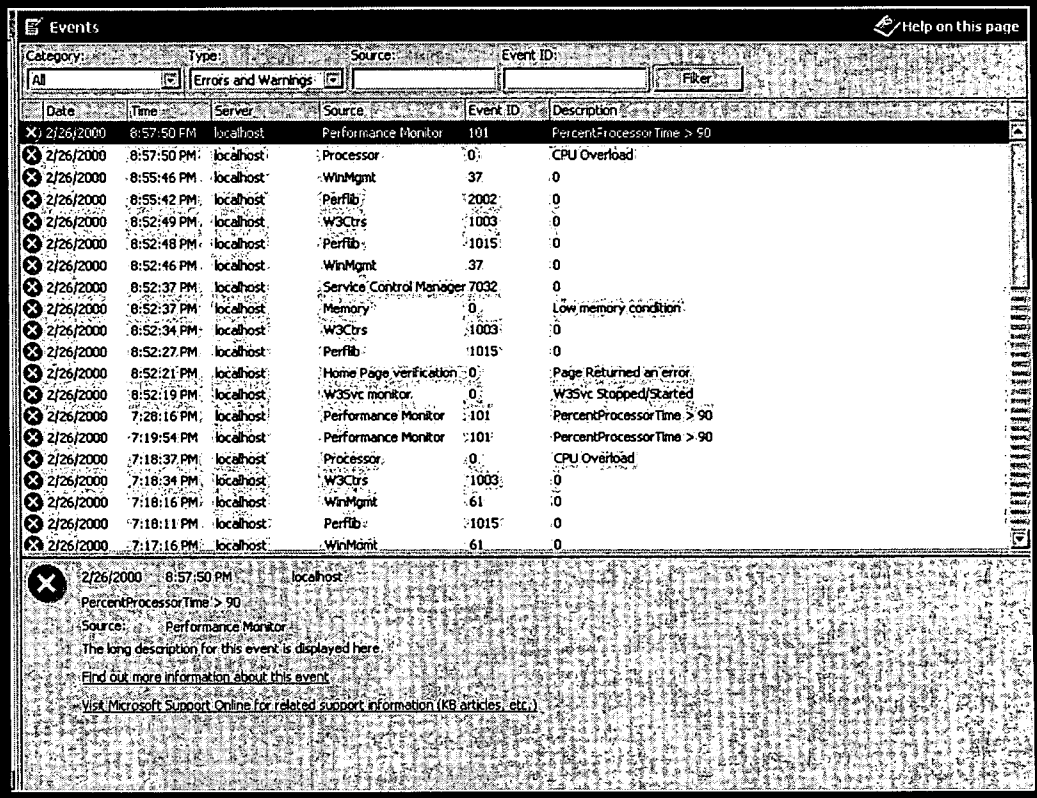


Eventing > Logging > Monitoring

Events: List View

- Sorted by Date
- Severity
- Server
- Source
- Event ID
- Description



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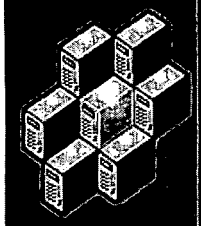
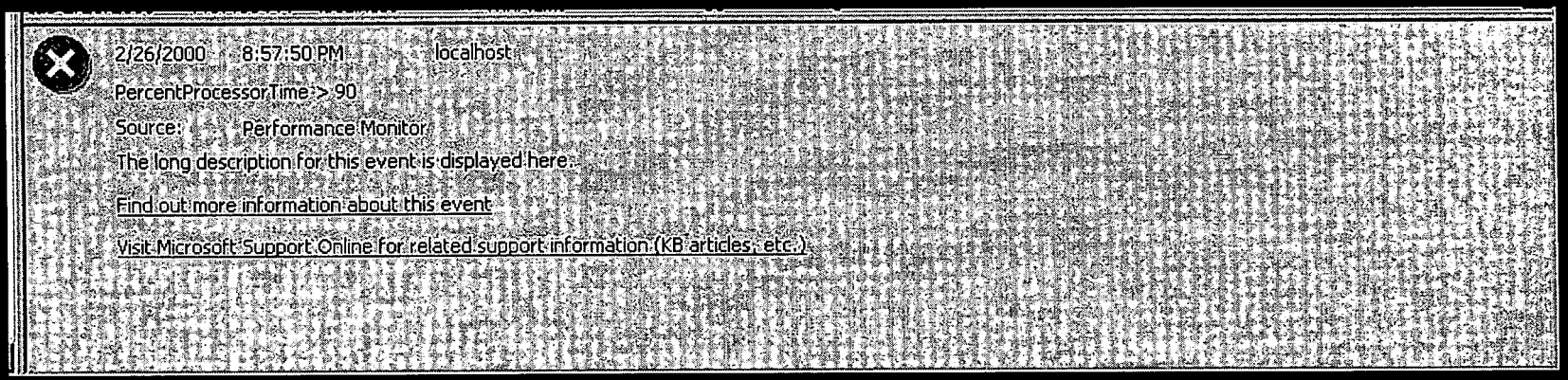


Eventing > Logging > Monitoring

Events: Details



- Severity, date, time, server
- Description
- Category, subcategory
- Long Message
- Links to help and support

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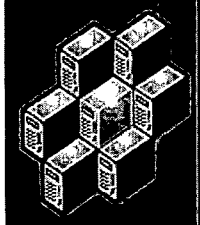

Eventing Logging Monitoring

Cluster Event Rollup

- Rollup in LogQueryHelper
  - Events aggregated across the cluster
  - Sorted by time
- Creates virtual record set
  - Paging in the uses same query
  - Pass GUID of last record seen as bookmark
  - Page up, down, top, bottom
- Unreachable server is “soft error”
  - Available data returned with an error

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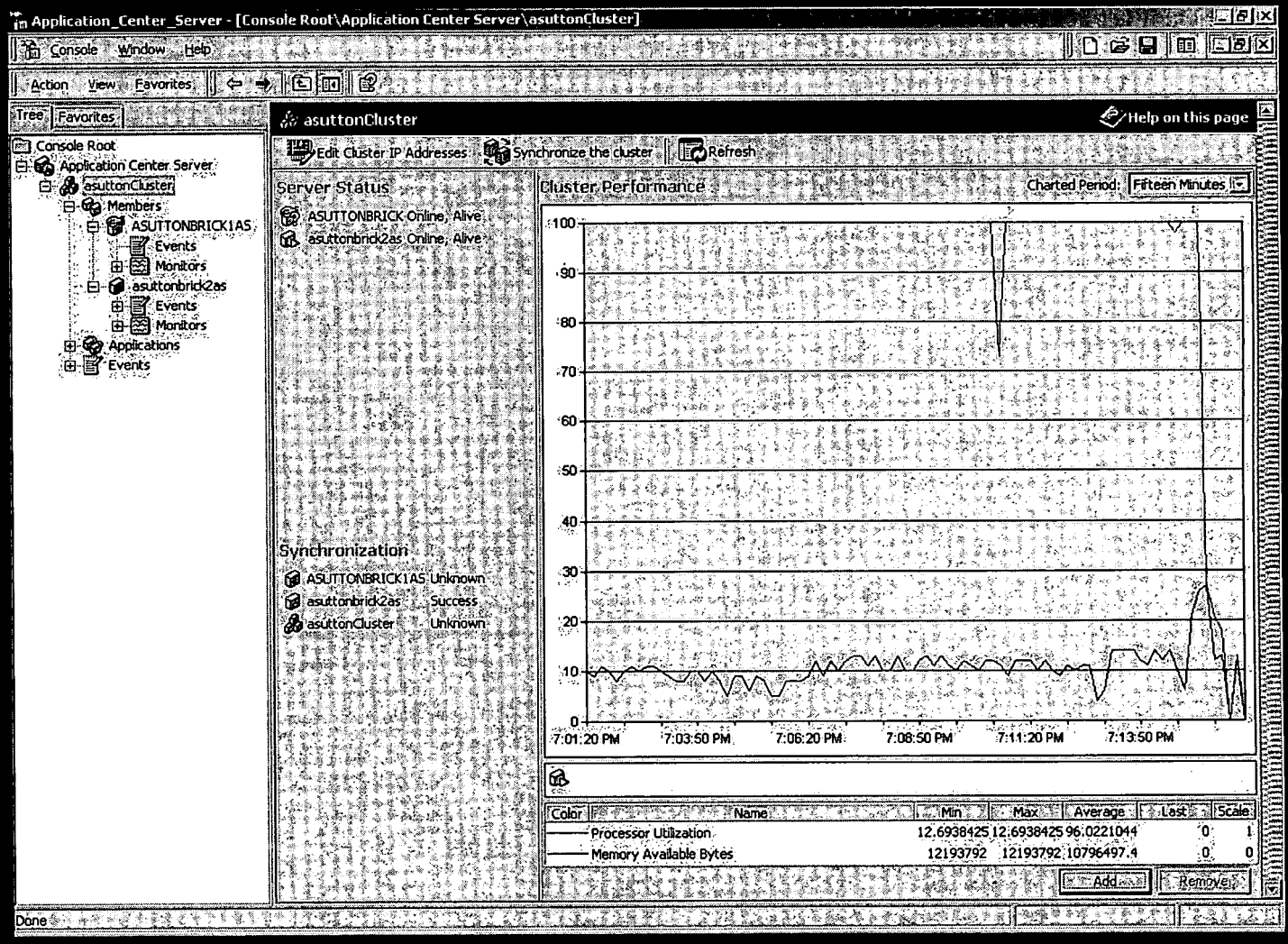
Eventing | Logging | Monitoring

Performance Viewer



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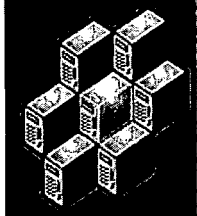
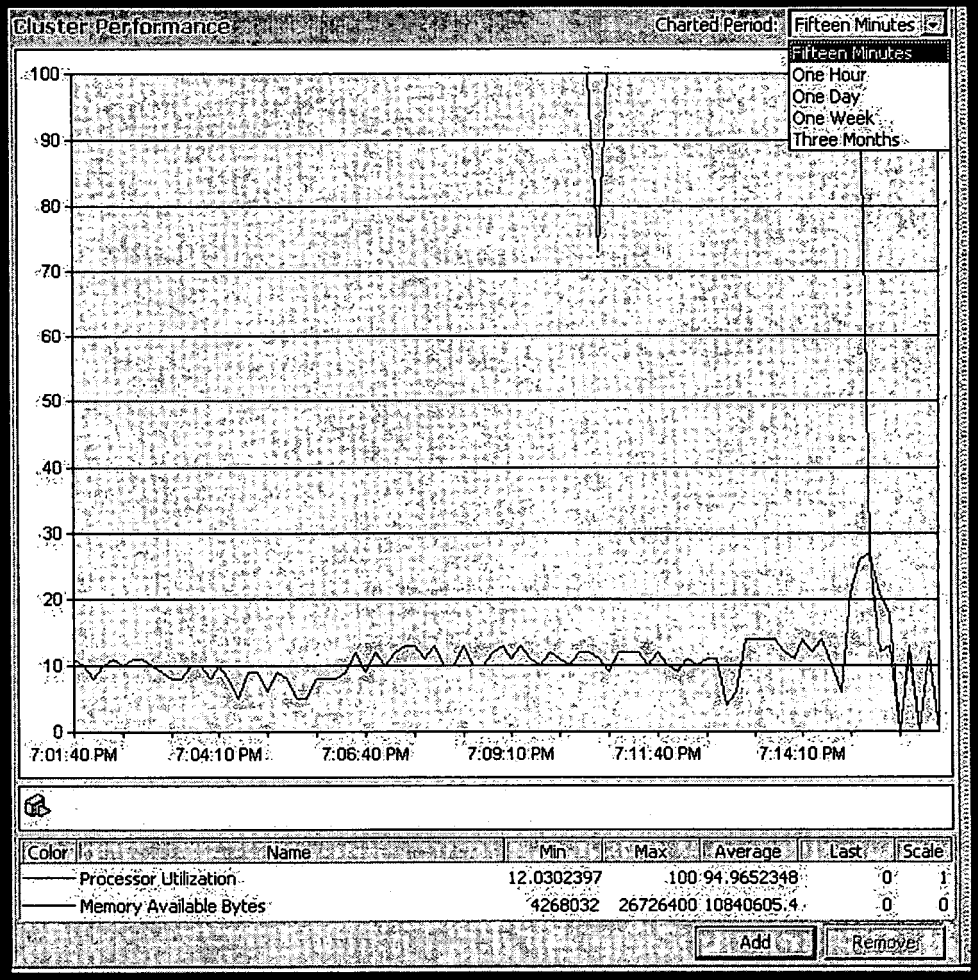


Eventing → Logging → Monitoring

Performance Viewer

- Add Counters
- Time periods
  - 15 minutes
  - 1 hour
  - 1 day
  - 1 week
  - 3 months
- Auto scaling
- Default counters
- Persist selection



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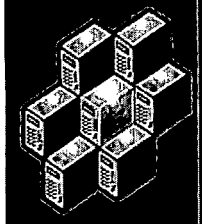

Performance Viewer Cluster Rollup

- Aggregation method in counter configuration
  - 0 - None
  - 1 - Average of Values
  - 2 - Sum of Values
  - 3 - Last Value
  - 4 - Min Value
  - 5 - Max Value
- Cumulative counters reset to 0 each session
  - Different from perfmon
  - Growth vs. spikes
- Can't show one counter across server

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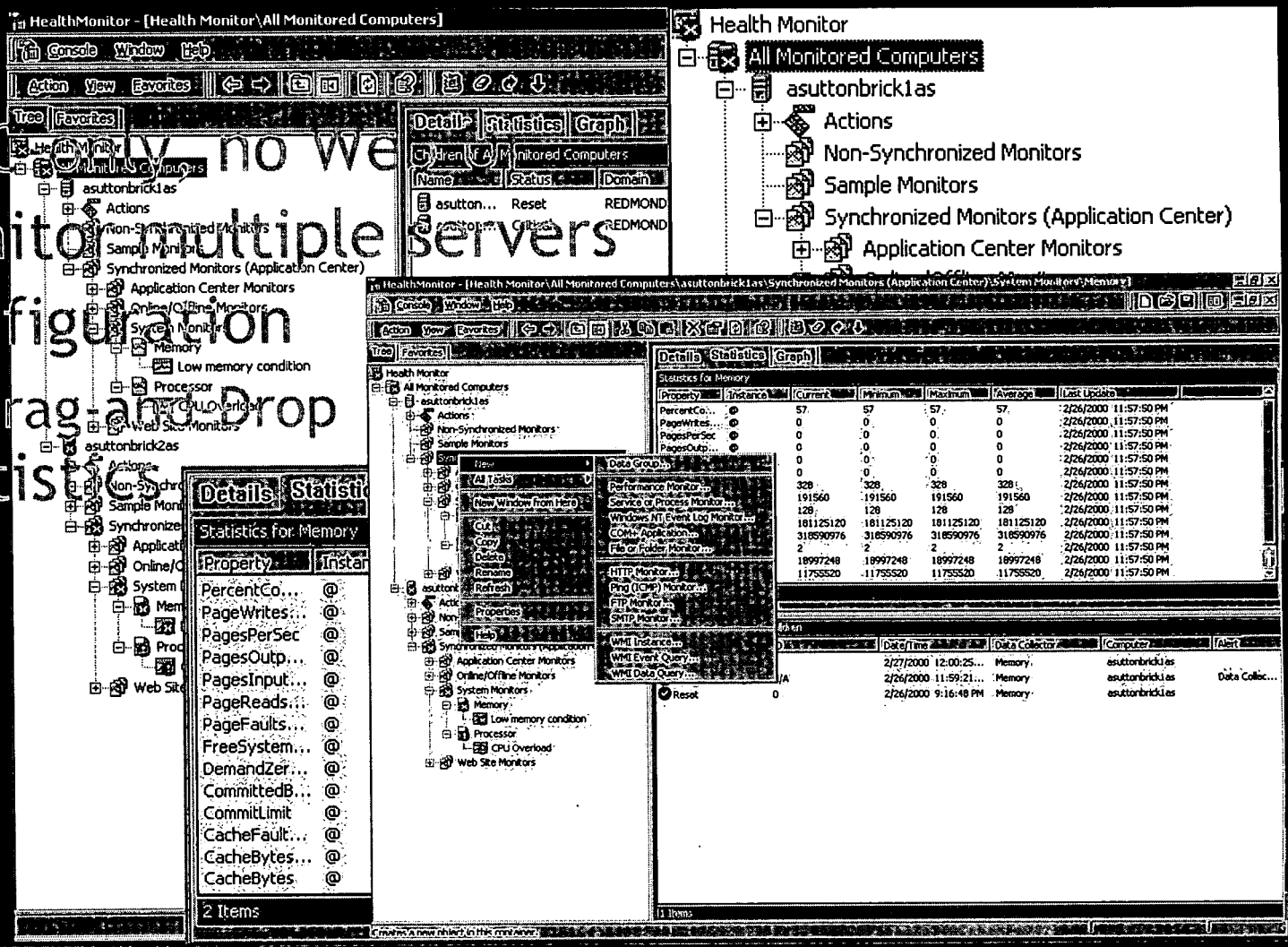
Eventing → Logging → Monitoring

Health Monitor Console

- MMC-only – no Web
- Monitor multiple servers
- Configuration
  - Drag-and-Drop
- Statistics



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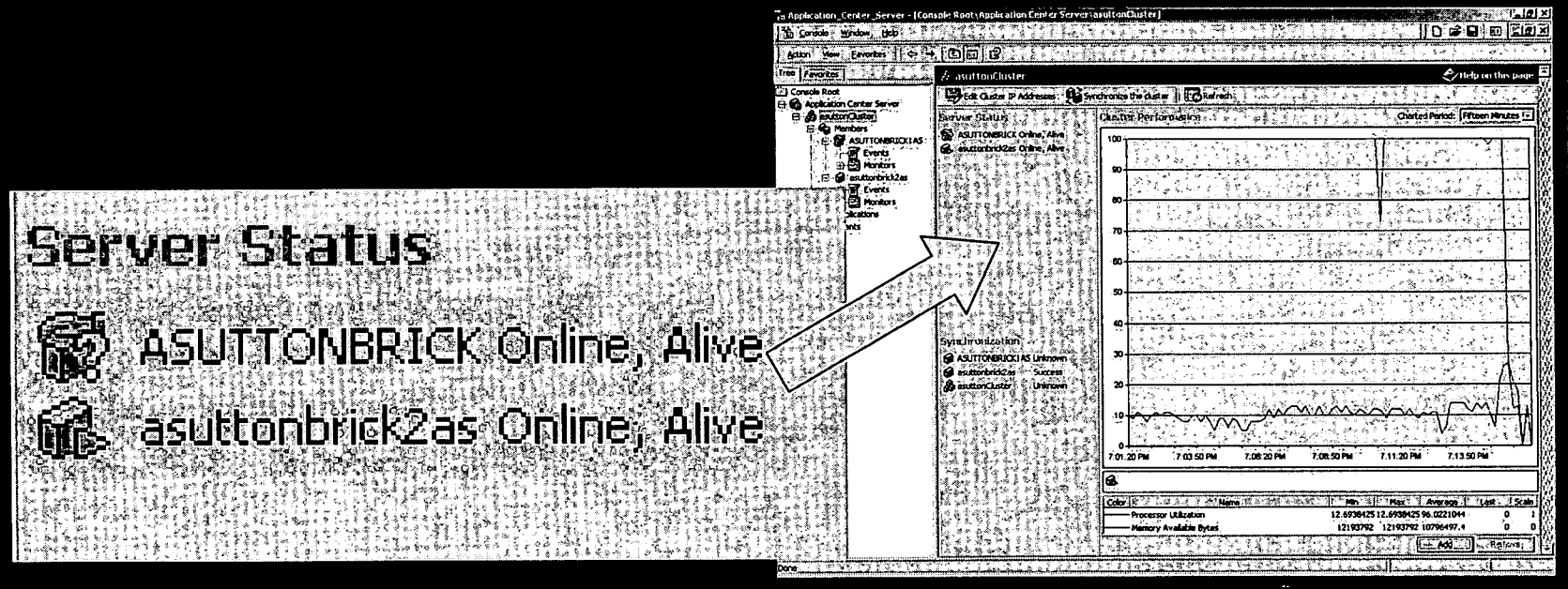
Server Health Rollup

- Top-level view of server health
  - System status from HealthMon
  - Not the online/offline group



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